

## INTERNATIONAL SEARCH REPORT

International Application No

T/IB 03/06146

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/049479 A (STOLA LORIS ; FILIZOLA DAVIDE (IT); TELECOM ITALIA SPA (IT)) 12 June 2003 (2003-06-12) page 7, line 12 - page 11, line 24 page 12, line 9 - page 20, line 15	1-20
A	WO 01/41468 A (NOKIA NETWORKS OY ; KAALL JAN (FI)) 7 June 2001 (2001-06-07) page 13, line 8 - line 28	1,2,5, 17-20
A	US 2002/019698 A1 (MATTILA ARTO ET AL) 14 February 2002 (2002-02-14) paragraphs '0055! - '0057!	1,3,4, 17-20
A	US 6 269 246 B1 (RAO PADMANABHA R ET AL) 31 July 2001 (2001-07-31) column 3, line 30 - column 4, line 37	1,9-11, 17-20
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

Date of mailing of the International search report

23 September 2004

30/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/043073 A1 (CHERY YONALD ET AL) 6 March 2003 (2003-03-06)	

## INTERNATIONAL SEARCH REPORT

International Application No

I/IB 03/06146

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 03049479	A 12-06-2003	IT	T020011125 A1		03-06-2003
		BR	0206845 A		29-06-2004
		CA	2468763 A1		12-06-2003
		WO	03049479 A1		12-06-2003
		EP	1452060 A1		01-09-2004
WO 0141468	A 07-06-2001	AU	2362601 A		12-06-2001
		BR	0016042 A		23-07-2002
		CA	2393046 A1		07-06-2001
		CN	1402950 T		12-03-2003
		WO	0141468 A2		07-06-2001
		EP	1236364 A2		04-09-2002
		JP	2003516057 T		07-05-2003
US 2002019698	A1 14-02-2002	FI	108372 B1		15-01-2002
		AU	8215701 A		14-01-2002
		BR	0112016 A		13-05-2003
		CA	2414604 A1		10-01-2002
		CN	1449500 T		15-10-2003
		DE	1960758 T1		15-04-2004
		EP	1297352 A1		02-04-2003
		ES	2192157 T1		01-10-2003
		WO	0203093 A1		10-01-2002
		JP	2004502942 T		29-01-2004
US 6269246	B1 31-07-2001	AU	6256199 A		10-04-2000
		WO	0018148 A1		30-03-2000
		US	2003008668 A1		09-01-2003
		US	2003064735 A1		03-04-2003
		US	6393294 B1		21-05-2002
US 2003043073	A1 06-03-2003	CA	2459920 A1		13-03-2003
		EP	1436639 A2		14-07-2004
		WO	03021851 A2		13-03-2003